

ABSTRACT

An injection molding machine having two injection units retained in parallel on one heating cylinder retention member, so that nozzles of the two injection units can touch fixed-side molds by advance of the heating cylinder retention member toward the molds. Two nozzle touch rods having their one ends fixed to a fixed die plate mounted with the molds are disposed symmetrically outside the two injection units respectively. Nut pieces screwed down to ball screw shaft portions of the nozzle touch rods respectively are attached to the heating cylinder retention member rotatably. Two servo motors for driving and rotating the two nut pieces respectively and individually are mounted on the heating cylinder retention member. Thus, in the configuration in which the two injection units are retained on the one heating cylinder retention member, the nozzles of the two injection units can touch the molds with predetermined nozzle touch forces respectively in spite of a difference in whole length between the two injection units, which difference is unavoidable in manufacturing.